

---

## **AMBULATORY SURGICAL CENTERS' UTILIZATION REPORT, INDIANA, 2000**

---

### **TABLE OF CONTENTS**

#### **Introduction**

#### **Characteristics of Ambulatory Surgical Centers**

#### **Annual Utilization Statistics**

#### **Outcome from Surgery**

#### **Table A – Summary of Key Resources and Utilization**

#### **Table B – Number of 50 Most Frequent Procedure Groups**

#### Introduction

On a quarterly basis, the Indiana State Department of Health requests licensed ambulatory surgical centers to describe their resources, utilization, and outcome from the surgical procedures. This report summarizes the information for calendar year 2000.

#### Characteristics of Ambulatory Surgical Centers

As of December 31, 2000, there were 96 ambulatory surgical centers in Indiana, located in 21 of the 92 counties. The majority of these centers have the following characteristics

CHARACTERISTICS OF CENTERS	STATEWIDE STATISTICS
Number of Surgical Centers	96
Percent of Centers in Urban Counties of Indiana	92%
Percent of centers with all physicians focusing on a single specialty	44%
Percent that are MD owned	60%
Percent of for-profit corporations	87%
Average Number of Operating Rooms	2.8

These centers are established, equipped, and operated primarily for the purpose of performing needed medical surgical procedures and services. These centers are an alternative source of surgery performed in hospital-based outpatient operating rooms.

#### Annual Utilization Statistics

In 2000, physicians, dentists, or podiatrist performed 331,399 procedures on 243,549 patients in 92 centers. Each surgical center performed an average of 118 procedures every 30 days.

It is estimated that this surgical volume represented 32 percent of all outpatient surgeries performed. In 1998, the Indiana Hospital and Health Association determined that physicians in hospital-based outpatient operating rooms performed 650,352 procedures. The remaining five percent of surgeries are performed in offices of independent physician practices.

The ambulatory surgical centers serve three distinct patient populations: the middle aged population seeking assistance with digestive problems, the elderly seeking removal of cataracts, and all other patients seeking general outpatient surgical care.

CHARACTERISTICS OF PATIENT POPULATION	STATEWIDE PERCENT
Percent of Females	50.8%
Percent of Patients aged 1 to 17 years	8.8%
Percent of Patients aged 18 to 64 years	56.3%
Percent of Patients aged 65 years and older	34.9%
Percent of Patients reimbursed under Medicaid	3.9%

The number of operating rooms, total annual procedures, and principal surgical focus by center is shown in Table A.

In 2000, the majority of these centers focused on performing procedures on the eye and the digestive system. The twelve most frequent procedures that are filed in quarterly reports are seen below.

	NAME OF SELECTED PROCEDURES	# OF CENTERS	CPT CODE	NUMBER OF PROCEDURES	AVERAGE PER CENTER
1	Extracapsular cataract removal	42	66984	33,536	798
2	Colonoscopy	23	45378	13,127	571
3	YAG Laser on lens capsule	27	66821	12,942	479
4	Gastrointestinal Endoscopy	17	43239	9,977	586
5	Injection to lumbar or epidural	26	62311	5,610	215
6	Colonoscopy to Snare Tumor	27	69436	7,804	289

7	Colonoscopy to Remove Tumor	17	45385	6,235	367
8	Upper Gastro Endoscopy	14	43235	5,015	358
9	Colonoscopy with biopsy	18	45380	4,945	274
10	Arthroscopy with meniscectomy	23	29881	4,926	214
11	Neuroplasty with carpal tunnel	20	64721	4,577	229
12	Left Heart Catherization	6	93510	4,505	750

1. Procedure codes are abstracted from the AMA Physician Current Procedural Terminology (CPT-4).
2. The number of the 50 most frequent procedure groups by CPT diagnostic category in the state for all centers is seen on Table B.

#### Outcome from Surgery

Patients are referred to a surgical center based on recommendations from their surgeon. Most patients arrive with low risk for surgery and have no prior chronic problem that may interfere with the new procedure. Most patients are treated within two or three hours and discharged to family members under the care of their family physician.

A small percent of these patients do expect limited problems after the operation, and are referred to an acute care hospital for treatment of stable or unstable medical conditions. The percent of inpatient transfer is higher with patients with existing cardiac or acute problems seen prior to surgery.

OUTCOMES FROM SURGICAL PROCEDURES	STATEWIDE STATISTICS
Percent of patients transferred to a hospital with stable medical conditions.	1,458 of 331,399 cases
Percent of patients transferred to a hospital with unstable medical conditions	84 of 331,399 cases
Percent of cases with a post-surgical wound infection	204 of 331,399 cases
Number of patient deaths	No deaths
Percent of patients with no other medical problems other than need for surgery	42.0%

Percent of patients with an other chronic (mild) systemic disease prior to surgery	42.7%
Percent of patients with an other acute (severe) systemic disease prior to surgery	15.3%

It is recommended that individuals considering outpatient surgery discuss the need with their physician, discuss coverage with their insurance representative, and notify the surgeon of any prior conditions prior to arrival at the surgical center.

TABLE A  
SUMMARY OF KEY RESOURCES AND UTILIZATION, 2000  
AMBULATORY SURGICAL CENTERS, INDIANA

NAME OF CENTER	COUNTY NAME	# OF OPERATING ROOMS	KEY PROCEDURAL SPECIALIZATION	TOTAL 2000 PROCEDURES
Advanced Surgery	Tippecanoe	2	Eye	2,387
Aesthetic Surgery	Hamilton	2	Plastic	292
Akin Medical Center	Floyd	2	Allergy	514
Allied Physician Surgery	St Joseph	8	General	4,853
Beltway Surgery	Marion	9	General	8,993
Bloomington Surgery	Monroe	2	Eye	3,682
Broadwest Surgery	Lake	5	General	5,533
Calumet Surgery	Lake	5	NA	NA
Centers for Pain Management	Lake	2	General	2,193
Central IN Orthopedic Surgery	Delaware	2	Orthopedics	2,274
Central Indiana Surgery	Marion	2	Eye	1,127

Chandana Surgery Center	Porter	3	General	2,127
Columbia MD Outpatient	Marion	2	General	898
Columbus Eye Surgery	Bartholomew	1	Eye	145
Columbus Surgery	Bartholomew	2	General	2,263
Community Surgery Center	Lake	8	General	5,104
Digestive Health Center	Hamilton	2	Digestive	3,963
Dupont Ambulatory	Allen	2	General	4,556
Eastern IN Ambulatory	Wayne	3	General	7,480
Endoscopy Center	Marion	3	Digestive	4,452
Evansville Deaconess	Vanderburgh	2	General	4,748
Evansville Surgery	Vanderburgh	5	General	4,209
Eyecare Consultants	Vanderburgh	2	Eye	1,679
Foot & Ankle Surgery	Marion	2	Podiatry	2,633
FW Cardiology Cath	Allen	1	Cardiology	543
FW Ophthalmic Surgery	Allen	3	Eye	5,493
FW Orthopaedics Surgery	Allen	4	General	5,492
Gastrointestinal Endoscopy	Vanderburgh	2	Digestive	3,482
Goshen Ambulatory	Elkhart	2	General	2,265

Care				
Grand Park Surgical	Lake	2	General	699
Grossnickle Eye Surgery	Kosciusko	2	Eye	5,186
Healthsouth Premier Surgery	Allen	6	General	4,772
Healthsouth Surgery North	Marion	4	NA	NA
Illiana Surgery (Closed)	Lake	4	General	2,296
IMA Endoscopy Surgical	Lake	1	Digestive	2,678
Indiana Eye Clinic	Johnson	2	Eye	2,357
Indiana Hand Surgery Cnt	Marion	3	Orthopedics	9,378
Indiana Surgery Center North	Marion	7	General	19,300
IN Surgery Cnt 16 <sup>th</sup> Street	Marion	6	General	9,016
IN Surgery Cnt Noblesville	Hamilton	7	General	2,325
Indiana Surgery South	Marion	4	General	7,192
Indianapolis Endoscopy Cnt	Marion	2	Digestive	5,640
John Kenyon Surgery	Clark	2	Eye	1,354
KK & A Surgery	Floyd	2	Orthopedic	1,153
Lafayette Amb Surgery	Tippecanoe	2	General	3,429
Laser & Skin Surgery	Hamilton	2	Dermatology	738
Marion	Grant	2	General	1,274

Surgicenter				
Medical Group Surgery	LaPorte	2	General	4,225
Meridian Endoscopy Cnt	Marion	4	Digestive	4,150
Meridian Plastic Surgery	Marion	2	Plastic	6,408
Michiana Endoscopy Cnt	St Joseph	2	Digestive	4,888
Mid America Surgery	Delaware	2	General	1,287
Midwest Surgery Center	Vigo	2	General	1,400
Muncie Ambulatory	Delaware	2	Eye	3,583
Munster Same Day	Lake	3	General	2,707
Naab Rd Surgery	Marion	6	General	10,312
Nasser Smith Pinkerton	Marion	1	Cardiology	1,493
New Albany Outpat Surg.	Floyd	3	General	1,904
North Central Health Serv.	Tippecanoe	3	General	574
North Meridian Surgery	Hamilton	3	General	836
Northeast IN Endoscopy	Allen	2	Digestive	2,697
Northside Cardiac Cath	Marion	1	Cardiology	2,038
Northside Gastroenterology	Marion	4	Digestive	5,586
Northwest Surgery Center	Marion	4	General	5,234
Novamed Eye New Albany	Floyd	2	Eye	6,447

Novamed Eye Hammond	Lake	2	Eye	2,304
Novamed Eye Merrillville	Lake	2	Eye	1,480
OSMC Outpatient Surgery	Elkhart	3	General	3,692
Outpatient Cath Lab (Closed)	Vanderburgh	1	Cardiology	163
Outpatient Surgery	Marion	2	Eye	1,529
Outpatient Surgery Indiana	Grant	2	General	1,529
Pain Center Southern Indiana	Allen	1	Pain	910
Richmond Surgery Center	Wayne	3	General	2,686
River View Surgery	Grant	4	General	5,536
Riverpointe Cardiovascular	Elkhart	1	Cardiology	463
Riverpointe Surgery	Elkhart	1	General	5,444
Sagamore Surgical Service	Tippecanoe	2	General	3,372
South Bend Clinic Surgicenter	St Joseph	2	General	2,244
Southern IN Surgery	Monroe	4	General	6,734
Spine Rehab Ambulatory	Marion	2	Pain	1,221
Surg Cnt Pain Southern	Monroe	2	Pain	4,453
Surgery Cnt Eye Specialty	Marion	2	Eye	4,217
Surgery Cnt Indianapolis	Marion	4	General	1,755



Surgery Opthamology	Allen	2	Eye	1,090
Surgery Southeastern IN	Decatur	2	General	1,003
Surgery Center Plus	Marion	3	General	2,018
Surgery Center (Allen)	Allen	2	Digestive	6,136
Surgery One	Allen	4	Orthopedics	5,978
Surgical Care Center	Marion	2	General	2,706
Surgical Center New Albany	Floyd	3	General	1,443
Surgicare	Monroe	2	General	2,900
Surgicare Outpatient	Vanderburgh	5	General	6,266
TH Heart Center Laser	Vigo	1	Cardiology	693
Valley Cataract Laser	Vanderburgh	2	Eye	2,378
Welborn Clinic Surgery	Vanderburgh	3	General	5,677
Woodlawn Healthcare	LaPorte	2	General	5,443
Subtotal 96 ASCs	(21)	(271)	-	331,399

TABLE B  
NUMBER OF 50 MOST FREQUENT PROCEDURE GROUPS  
BY CURRENT TERMINOLOGY DIAGNOSTIC CATEGORY,  
AMBULATORY SURGICAL CENTERS, INDIANA, 2000

ANATOMICAL SYSTEM	CPT CODE	PROCEDURE DESCRIPTION	# CASES
Skin	19120	Excision of cyst or breast tissue (24)	1,120
10040-19499	19325	Mammoplasty with implant (32)	891

	Other		5,010
	<b>Subtotal</b>	<b>Of Procedures of Integumentary System</b>	7,021
Muscles	20680	Removal of implant (47)	640
20000-29909	26055	Incision in trigger finger (32)	920
	28285	Hammertoe operation (28)	979
	28296	Repair with metatarsal osteotomy (45)	645
	29826	Arthroscopy with acromioplasty (38)	722
	29877	Shaving of articular cartilage (20)	1,536
	29881	Arthroscopy with meniscectomy (10)	4,926
	Other		5,208
	<b>Subtotal</b>	<b>Of Procedures of Musculoskeletal System</b>	15,576
Respiratory	30140	Submucous resection turbinate (34)	832
30000-32999	30520	Septoplasty or submucous resection (29)	928
	Other		1,731
	<b>Subtotal</b>	<b>Of Procedures of Respiratory System</b>	3,491
Digestive	42820	Tonsillectomy (16)	2,032
40490-49999	43235	Upper gastrointestinal endoscopy (8)	5,015
	43239	Upper gastrointestinal with biopsy (4)	9,977
	43248	Endoscopy with insert into esophagus (18)	1,759
	43450	Dilation of esophagus (25)	1,080
	45330	Sigmoidoscopy diagnostic (27)	1,030
	45378	Colonoscopy, flexible (2)	13,127
	45380	Colonoscopy with biopsy (9)	4,945
	45383	Sigmoidoscopy with tumor removal (48)	617
	45384	Colonoscopy to remove tumor (13)	3,736
	45385	Colonoscopy to snare/remove tumor (7)	6,235
	49505	Repair of inguinal hernia (21)	1,369
	Other		4,409

	<b>Subtotal</b>	<b>Of Procedures on Digestive System</b>	55,331
Urinary	50590	Lithotripsy, extracorporeal shock wave (36)	735
50010-53899	52000	Cystourethroscopy (43)	685
	Other		675
	<b>Subtotal</b>	<b>Of Procedures on Urinary System</b>	2,095
Genital	55700	Prostate biopsy (39)	707
54000-58999	58558	Hysteroscopy surgical (19)	1,598
	58605	Ligation of fallopian tube(s) (49)	585
	58670	Laparoscopy unlisted (44)	657
	Other		1,689
	<b>Subtotal</b>	<b>Of Genital System</b>	5,232
Nervous	62289	Lumbar injection to spinal cord (17)	1,766
61000-64999	62310	Injection of a substance (22)	1,885
	62311	Lumbar injection (5)	10,582
	64475	Injection to sacral nerve (42)	896
	64476	Injection of sacral nerve add level (31)	907
	64483	Injection of carvical or thoracic (23)	1,252
	64721	Neuroplasty to carpal tunnel (11)	4,577
	Other		4,795
	<b>Subtotal</b>	<b>Of Procedures on Nervous System</b>	26,660
Eye	65850	Trabeculoplasty (50)	568
65091-68899	66761	Iridotomy (49)	579
	66821	YAG Laser on lens capsule (3)	12,942
	66940	Removal of lens material (26)	1,075
	66984	Extracapsular cataract removal (1)	33,536
	66986	Exchange of intraocular lens (15)	2,134
	67040	Photocoag of progressive retinopathy (37)	724
	67228	Photocoagulation Destruction (46)	641

	67316	Extraocular muscles 2 vertical muscles (40)	703
	Other		8,775
	<b>Subtotal</b>	<b>Of Procedures on Eye and Ocular System</b>	61,677
Auditory	69436	Tympanostomy (6)	7,804
69000-69999	69990	Unlisted auditory procedure (14)	3,479
	Other		0
	<b>Subtotal</b>	<b>Of Procedures on Auditory System</b>	6759
Catherization	93510	Left Heart catheterization (12)	4,505
93501-93572	Other		609
	<b>Subtotal</b>	<b>Of Cardiac Catheterization Procedures</b>	5,114
All Other Procedures			142,443
<b>TOTAL Of All REPORTED PROCEDURES</b>			331,399